

XP-002082457

1/1 - (C) WPI / DERWENT
AN - 76-82092X 44!
PR - JP750030778 750313
TI - Zinc anode for alkaline battery - made from granular zinc amalgam wetted with water, mixed with gelling agent and packed in anode container
IW - ZINC ANODE ALKALINE BATTERY MADE GRANULE ZINC AMALGAM WET WATER MIX GEL AGENT PACK ANODE CONTAINER
PA - (YUAS) YUASA BATTERY CO LTD
PN - JP51104533 A 760916 DW7644 000pp
- JP55009144B B 800307 DW8014 000pp
ORD - 1976-09-16
IC - H01M4/12
FS - CPI;EPI
DC - L03 X16
AB - J51104533 Mfr of zinc anode for an alkaline battery having uniform and good quality, comprise adding 1-7 pts. of water as a solvent to 100 pts. of amalgamated granular zinc contg. 10 wt.% mercury and of grain size 20-250 mesh and stirring them to wet the surface of the granular zinc, adding 1-15 pts. of a gelling agent to the wet granular zinc with stirring, drying the mixt. of the granular zinc and the gelling agent, packing the granular zinc with the gelling agent into an anode container to and pouring an electrolyte into the anode container to make a zinc anode. Since the gelling agent does not cause the grains of zinc to be bonded to each other, it is unnecessary to crush the granular zinc after dying.